## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	84	((SHINICHI) near2 (TAKAHASHI)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/09 09:59
S2	11	S1 and polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON .	2007/01/09 10:07
S5	2	"6586126".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 10:10
S6	2	"6471195".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 10:10
S7	2	"20030091887"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 10:10
S8		"11273704"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 10:10
S10	3045	429/34.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 10:40
S11	395	S10 and (water (channel or flow or passageway or stream or passage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 11:30
S12	308	S11 and polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 10:42
S13	7	S12 and ((N-isopropyl acrylamide) or (N-isopropylacrylamide) or (polymethyl methacrylate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 10:47

## **EAST Search History**

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S15	200284	(water (channel or flow or passageway or stream or passage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 11:41
S16	1199	S15 and fuel cell	USPAT	ADJ	ON	2007/01/10 10:59
S17	741	S16 and polymer	USPAT	ADJ	ON	2007/01/09 11:31
S18	6	S17 and ((N-isopropyl acrylamide) or (N-isopropylacrylamide) or (polymethyl methacrylate))	USPAT	ADJ	ON	2007/01/10 11:15
S19	100429	fuel cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON .	2007/01/09 11:41
S20	2985	S19 and freez\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 12:15
S21	1393	S20 and polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 12:05
S22	<sup>^</sup> 34	S21 and ((N-isopropyl acrylamide) or (N-isopropylacrylamide) or (polymethyl methacrylate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 12:44
S28	358	S19 and ((N-isopropyl acrylamide) or (N-isopropylacrylamide) or (polymethyl methacrylate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 12:44
S29	128	S28 and (expan\$3 or contract\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/09 13:59
S34	. 5	("5474857"   "5863395"   "5977241"). PN. OR ("6699611").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/09 14:05
S47	200284	(water (channel or flow or passageway or stream or passage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/10 11:15
S69	930	S68 and fuel cell	USPAT	ADJ	ON	2007/01/10 11:33

## **EAST Search History**

S70	141	S69 and freez\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/11 08:22
S72	112	S70 and polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ .	ON	2007/01/10 12:27
S73	31	S72 and hydrophilic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/10 14:23
S74	17	("3923546"   "5248566"   "5605770"   "5776624"   "5798186"   "5876571"   "5965288"   "5996976"   "6040073"   "6045934"   "6068941"   "6106964"   "6284399"   "6416891"   "6416895"   "6471195").PN. OR ("6632555").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/10 12:35
S77	5	("5474857"   "5863395"   "5977241"). PN. OR ("6699611").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/10 14:29
S78	1475	((N-isopropyl acrylamide) or (N-isopropylacrylamide))	USPAT	ADJ	ON	2007/01/10 14:37
S79	51	S78 and entanglement	USPAT	ADJ	ON	2007/01/10 14:36
S80	51	S79 and water	USPAT	ADJ	ON	2007/01/10 14:36
S81	18	S80 and channel	USPAT	ADJ	ON	2007/01/10 14:37
S90	27833	water with channel	USPAT	ADJ .	ON	2007/01/11 08:23
S91	930	S90 and fuel cell	USPAT	ADJ	ON	2007/01/11 08:23
S92	141	S91 and freez\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/11 08:23
S93	. 6	S92 and (outside near5 (fuel cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/01/11 08:23